Master of Computer Science

VISUAL C++ PROGRAMMING

SEMESTER II

MULTIPLE CHOICE QUESTIONS

**Unit I**

1. Using given code which color is displayed as background color of a window :

myFrame()

{

CString mywin;

HBRUSH mb;

mb=(HBRUSH)::GetStockObject(LTGRAY\_BRUSH);

Create(mywin,"Own Window type");

}

1. RED
2. LIGHT GRAY
3. BLACK
4. WHITE

Answer b. Light gray

2. To display line in a window which function is used .

1. d.MoveTo(10,10); d.LineTo(200,10);
2. d.Rectangle(10,20,200,100);
3. d.LineTo(200,10);
4. CPaintDC d(this);

Answer a. d.MoveTo(10,10); d.LineTo(200,10);

3. Using following code which GDI object is displayed

Void OnPaint()

{

int x,y;

CRect r;

GetClientRect(&r);

CBitmap mybitmap;

CDC mymemdc;

mybitmap.LoadBitmap(IDB\_BITMAP1);

mymemdc.SelectObject(&mybitmap);

}

1. Font
2. Pen
3. Bitmap
4. Brush

Answer c. Bitmap

4.  Which macro starts message map:

a.       END\_MESSAGE\_MAP

b.      BEGIN\_MESSAGE\_MAP

c.       AFX\_MESSAGE\_MAP

d.      None of these

Answer b

5. A Combo box combines the features of \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_.

a. list box, option button.

b. editbox, checkbox.

c. list box, scrollbar.

d. editbox, list box.

Answer: D

6. \_\_\_\_\_\_\_\_ event occurs when the user presses any mouse button.

a. MouseUp.

b. MouseRight.

c. MouseLeft.

d. MouseDown.

Answer: D

7.  The nMapMode argument holds a mapping mode that is:

a.       MM\_TEXT

b.      MM\_HIMETRIC

c.       MM\_TWIPS

d.      MM\_HIENGLISH

e.       All of these

Answer e

8. Which class in VC++ contains InitInstance() function?

1. CObject
2. CRuntimeClass
3. CWinApp
4. CwinThread

Answer d. CWinThread

9..  Which class can be used to handle menus by MFC  class Library:

a.       CMainFrame

b.      CView

c.       Cmenu

d.      CWinApp

Answer c

10. Which function is used to create a modal dialog box?

1. Create()
2. DoModal()
3. InitDialog()
4. initInstance()

answer is b. DoModal ()

**Unit II**

1.  \_\_\_\_\_\_\_\_ is a code generate that creates a basic framework of Windows applications along with feature source code file names and class names:

a.       Class Wizard

b.      App Wizard

c.       Resource Wizard

d.      Gallery

Answer b

2.  What is used to create a program by App Wizard :

a.       Dialog Box

b.      Combo Box

c.       List Box

d.      Group Box

Answer a

3.  MFC  class library creates :

a.       Document programs

b.      View Programs

c.       Both a and b

d.      None of these

Answer c

4.  Which class is used to controls the data in document/view architecture application:

a.       Document Class

b.      View Class

c.       Frame Class

d.      Application Class

Answer a

5.  Which class is used for displaying information about the document as view window :

a.       Frame Class

b.      Application Class

c.       View Class

d.      Document Class

Answer c

6.  What type of application is built by AppWizard in MFC:

a.       SDI

b.      MDI

c.       Dialog

d.      All of these

Answer d

7.  Which class is created by MFC while creating a project named “Hello” using MFC AppWizard:

a.       CHelloApp

b.      CHelloDoc

c.       CHelloView

d.      All of these

Answer d

8. Which code is correct to display toolbar at TOP in a window.

1. MessageBox("Reached here to draw a line ","Title");
2. MessageBox("Reached here to draw a line ","Title");
3. t.LoadToolBar(IDR\_TOOLBAR1);
4. t.Create(this, WS\_VISIBLE|WS\_CHILD|CBRS\_TOP);

answer d. t.Create(this, WS\_VISIBLE|WS\_CHILD|CBRS\_TOP);

9.  \_\_\_\_\_\_\_ are basically the keyboard for message handling function:

a.       Mouse Accelerators

b.      Monitor Accelerators

c.       Keyboard Accelerators

d.      None of these

Answer c

10.  Which  windows message is responsible for displaying the context menus:

a.       WM\_CONTEXTMENU

b.      WM\_VIEWMENU

c.       WM\_COMMAND

d.      None of these

Answer a

**Unit III**

**Unit III**

1. \_\_\_\_\_\_\_\_ is used to link or embed object, display and manipulate data from other windows based applications.

a. OLE.

b. DLE.

c. MLE.

d. CLE.

Answer: A

2. \_\_\_\_\_\_\_ option from clipboard is used to move data from one place to another in a document.

A. mover & Paste  
B. Cut & Paste  
C. Bold  
D. Justify

Correct Answer: B

3.  In which active control class is used to creates animation control :

a.      CAnimationCtrl

b.      CAniAlt

c.       CControl

d.      None of these

Answer a

4.  Which ActiveX object is used to store definition of all active control:

a.       Flash Object

b.      MFC library

c.       Active Template Library

d.      None of these

Answer c

5.. An ActiveX also called as an \_\_\_\_\_\_\_\_\_\_\_server.

a. in-process.

b. out- of- process.

c. remote process.

d. active process.

Answer: B

6. An \_\_\_\_\_\_\_ is an object that we place on a form to enable or enhance a users interaction with an application.

a. ActiveX control.

b. Module.

c. Procedure.

d. Control.

Answer: A

7. The process of saving information onto secondary storage devices in structure storage is referred as

a) Backing up  
b) Restoring  
c) Writing  
d) Reading

Answer c

9. A COM interface refers to

a. predefined group of related functions that a COM class implements

b. a user defined group of related functions that a COM class implements

c. group of related functions that a COM class extends

d. none of these

Answer a

10. Uniform data transfer represents all data transfers by using the \_\_\_\_\_\_\_\_\_\_\_ interface

a. [**IDataObject**](https://docs.microsoft.com/en-us/windows/desktop/api/ObjIdl/nn-objidl-idataobject)

b.  [**STGMEDIUM**](https://docs.microsoft.com/en-us/windows/win32/api/objidl/ns-objidl-ustgmedium~r1)

c.  [**GetData**](https://docs.microsoft.com/en-us/windows/desktop/api/ObjIdl/nf-objidl-idataobject-getdata)

d. [**OleInitialize**](https://docs.microsoft.com/en-us/windows/desktop/api/Ole2/nf-ole2-oleinitialize)

Answer a.

11. COM provides

a. unified, expandable, object-oriented communications protocol for Windows.

b. stand-alone communications protocol for Windows.

c. not expandable communications protocol for Windows.

d. none of these

answer a

12. COM provide replacement for the VBX control, called

a. list control

b. basic controls

C. ActiveX control

d. edit control

answer c

13. COM support features

a. language-independent

b. OLE DB database interface

c. distributed COM

d. all of the above

answer d.

14. All interfaces in COM are derived from base interface

a. IMotion

b. *IUnknown*,

c. IVisual

d. ICreate

answer b

15.\_\_\_\_\_\_\_\_\_\_\_\_ are shown as small circles (or jacks) with lines attached to their class.

A. function

b. class

c. Interface

d. method

answer c

16. *IUnknown* interface has virtual functions

a. *AddRef* ()

b. *Release()*

*c. both of them*

*d. None of them*

answer c.

17. a "class object," also referred as

a . class factory

b. class company

c. object company

d. object factory

answer a.

18. **a class factory uses for**

**a.** constructing objects with *CreateInstance()*

b. Locating and launching component modules

c. establishing the class factory

d. all of the above

answer d.

19. a property is a value that can be

a. create and delete

b. set and retrieved

c. modify and delete

d. update and modify

answer b

**20. Match the Interface with its appropriate function**

1. **IDispatch 1. AddRef()**
2. **IUnknown 2. Invoke()**
3. **IClassFactory 3.DoDragDrop()**
4. **IDataObject 4.CreateInstance()**

**Answer a-2,b-1,c-4,d-3**

**21.** The *IStorage* interface is used to

**a.** create and manage structured storage objects.

**b.** update stream objects.

**c.** modify unstructured objects.

**d.** create stream objects.

**Answer a.**

**22. Match the function with their use**

1. Revert(void) 1. Inserts a 128-bit class identifier
2. MoveElementTo() 2. Abandons a transaction
3. CreateStream() 3. Moves an element from storage object
4. SetClass 4. Creates a new stream

Answer a-2, b-3,c-4,d-1

**23.** The files are called

**a.** stream

**b.** storage

**c.** method

**d.** function

answer a

**24.**  directories are called

**a.** stream

**b.** storage

**c.** method

**d.** function

answer b

25. a storage is a collection of

a.streams

b. substorages

c. both a and b

d. none of these

answer c

26. COM is a powerful integrating technology that allows you to mix all sorts of disparate software parts together at runtime.

a. true

b. false

answer a

27. Methods can have zero or many parameters.

a. true

b. false

answer a

28. Commits() delete all the changes to this storage and to all elements below it.

a. true

b. false

answer b.

29. Clone() modify a new stream object with its own seek pointer.

a. true

b. false

answer b

30. ATL is a set of C++ templates and other kinds of support for writing COM classes.

a. true

b. false

answer a

31. Smart pointers are frequently used to implement reference counting.

1. True
2. False

Answer a

32. ActiveX controls are small gadgets (usually UI-oriented) written in traditional c++.

1. True
2. False

Answer b

**Unit IV**

1.  Which protocol is supported by VC++ web based application:

a.       TCP/IP

b.      IP

c.       TCP

d.      All of these

Answer d

2. A \_\_\_\_\_\_\_\_\_\_ is a collection of object classes that model the structure of a relational database system.

a. MDO.

b. RDO.

c. DOA.

d. DAO.

Answer: D

3. The \_\_\_\_\_\_\_\_ object is a stored query definition, which is a precompiled SQL statement.

a. QueryDef.

b. QueryFix.

c. QueryDif.

d. QueryFed.

Answer: A

4. The \_\_\_\_\_\_\_ method open the connection between the application and the ODBC database.

a. FixedDatabase.

b. SelectDatabase.

c. Create.

d. Open.

Answer: D

5. The Data control implements data access by using the \_\_\_\_\_\_\_\_\_\_.

a. Microsoft Jet Database Engine.

b. Microsoft RDO.

c. Microsoft MDO.

d. Microsoft PAO.

Answer: A

6. A \_\_\_\_\_\_\_\_\_ object represents a connection to a remote database used as a data source.

a. connection.

b. RDO.

c. ODBC.

d. fixed.

Answer: C

7. The \_\_\_\_\_\_\_\_\_object contains the information to be saved and loaded when the ActiveX control that is built to created or destroyed on remote server.

a. ControlTools.

b. ActiveBar.

c. ControlProperty.

d. Active Document Server.

Answer: D

8. \_\_\_\_\_\_\_\_ communicates with the data sources through the JET database engine

a. excel

b. oracle.

c. SQL server.

d. all of above.

Answer: d

9.  \_\_\_\_\_\_\_\_\_ is a standard by which internet names are translated to their corresponding IP addresses:

a.       DSP

b.      DSW

c.       DNS

d.      DLL

Answer c

10. What does DHTML Stand For?  
A. Document HTML  
B. Data-Binding HTML  
C. Dynamic HTML  
D. Digital HTML

Answer C